

WHAT IS CLAIMED IS:

1. A drive for a tray assembly movable between extended and retracted positions, the support frame having rails on opposite sides thereof, guides engaging on the rails for guiding the tray for movement longitudinally along the rails between the extended and retracted position, and drive members on opposite sides of the tray assembly to independently and simultaneously drive the tray assembly from both of its sides adjacent the rails between the extended and retracted positions.

2. The drive of claim 1 and a separate slip clutch for frictionally driving each of the drives on the opposite sides of the tray to permit one of the drives to drive while the other is drive is slipping, and a stop mounted on the tray assembly with laterally spaced blocks that each engage a fixed stop at two spaced locations, the drive continuing through the slip clutches until both blocks engage the stop when the tray assembly is moved to its retracted position.

3. The drive of claim 2 wherein the fixed stop comprises a cross shaft mounted on the support frame for the tray assembly, and the cross shaft comprising the drive to both of the drive members on opposite sides of the tray assembly.

4. The drive of claim 1 wherein the drive members on opposite sides of the tray assembly comprise separate endless belts mounted on pulleys to extend between a first and a second end of the support frame, a coupling arm portion on the tray assembly drivably connected to the separate endless belts, respectively.

5. The drive of claim 4, and a common drive shaft driving both of the drive belts through separate friction slip clutches.

6. The drive of claim 2 wherein the tray assembly has a top disc support panel including a support for a compact disc.

7. The drive of claim 2 wherein said spaced blocks comprise separated blocks mounted on a forward end of the tray assembly, and movable to engage the stop as the tray assembly retracts.

8. The drive of claim 7 wherein there is a common drive shaft rotatably mounted on the support frame for driving both of the drive members simultaneously, the common drive shaft comprising the stop.

9. A processor for processing a compact disc, said processor having a processing station, and a

compact disc loading station, a tray for carrying a compact disc between the processing station and the loading station, said processor having guide rail supporting opposite sides of the tray, the tray
5 extending outwardly from the guide rails when in its loading position, and a separate drive to move each of the opposite sides of the tray to drive the tray along the rails between the loading and processing positions.

10 10. The processor of claim 9 wherein there are a pair of blocks carried by the tray adjacent opposite sides thereof, stop portions mounted to be non-movable in longitudinal direction of the rails and aligned with the blocks and engaging the blocks as the tray is moved
15 to its retracted position, and wherein the drive on opposite sides of the tray comprise slip clutches to separate frictionally drive each of the drives whereby one drive will drive a side of the tray while the other drive is slipping.

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11. The processor of claim 9 wherein said drives comprise endless belts mounted on said frame and extending in longitudinal direction, and coupling members for coupling opposite sides of the tray to the
25 respective belt, and the belts being simultaneously driven for moving the tray between the extended and retracted positions.

12. The processor of claim 11 wherein said
separate drive comprises separate drive pulleys for
driving the respective belts and the drive pulleys
being mounted on a common shaft, and separate slip
5 clutches between the shaft and each of the separate
drive pulleys.